

Title (en)

Automated detection and correction of eye color defects due to flash illumination

Title (de)

Automatische Erkennung und Korrektur von Augenfarbfehlern, die durch Blitzlichtbeleuchtung verursacht wurden

Title (fr)

Détection et correction automatique des défauts de couleur de l'oeil à cause d'illumination par flash

Publication

EP 0635972 B1 19990113 (EN)

Application

EP 94201902 A 19940701

Priority

US 9384393 A 19930719

Abstract (en)

[origin: EP0635972A2] A method of determining and correcting for eye color defects in an image due to flash illumination includes determining whether an eye color defect group candidate corresponds to a defective eye base based on group shape, coloration and brightness. <IMAGE>

IPC 1-7

H04N 1/62

IPC 8 full level

G03B 7/091 (2006.01); **G03B 7/28** (2006.01); **G03B 15/05** (2006.01); **H04N 1/46** (2006.01); **H04N 1/62** (2006.01); **H04N 5/262** (2006.01)

CPC (source: EP US)

G06V 40/193 (2022.01 - EP US); **H04N 1/62** (2013.01 - EP US); **H04N 1/624** (2013.01 - EP US)

Cited by

EP0961225A3; EP0884694A1; EP1359740A1; US6088470A; EP1734475A3; EP1288860A1; EP1229734A1; EP0899686A3; EP2529354A4; GB2379819A; GB2379819B; GB2379819A8; GB2385736A; GB2385736B; EP0911759A3; FR2880969A1; EP1684210A1; US7454040B2; EP0899686A2; US8861845B2; US6920237B2; WO2005022466A3; WO9917254A1; WO9938121A1; WO03071484A1; WO03071781A1; US6792134B2; US6204858B1

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